

Applied Skills Frequency Distribution

State: INDIANA

Grade: 5

Purpose

This report provides a frequency of points obtained by Applied Skills items.



Test Date: 09/15/08

E/la	Points Poss	Total Number of Stdnts	0 Points Obtained N	%	1 Point Obtained N	%	2 Points Obtained N	%	3 Points Obtained N	%	4 Points Obtained N	%	5 Points Obtained N	%	6 Points Obtained N	%
Item # - Test #																
Writing Applications																
1a-3-Writing Applications	6	77826			1786	2	11375	15	23251	30	29745	38	7686	10	2247	3
13b-4-Writing Applications	4	77826			14986	19	39152	50	18363	24	3488	4				
Lang. Conventions																
1b-3-Lang. Conventions	4	77826			1799	2	9891	13	26488	34	39133	50				
13c-4-Lang. Conventions	4	77826			5235	7	16543	21	20407	26	34315	44				
Lit Response & Analysis																
2-4-Lit Response & Analysis	2	77826	16869	22	41782	54	18245	23								
6-4-Lit Response & Analysis	2	77826	13909	18	22622	29	39832	51								
Reading Comp.																
9-4-Reading Comp.	2	77826	29866	38	34072	44	12410	16								
11-4-Reading Comp.	2	77826	12907	17	40854	52	22421	29								
13a-4-Reading Comp.	2	77826	6647	9	16224	21	53118	68								
Math																
Item # - Test #																
Geometry																
1-7-Geometry	2	77826	18010	23	5595	7	53526	69								
Problem Solving																
2-7-Problem Solving	2	77826	21087	27	34289	44	22211	29								
3-7-Problem Solving	3	77826	23406	30	13941	18	18689	24	21447	28						
3-8-Problem Solving	4	77826	23078	30	6194	8	15293	20	3359	4	29514	38				
6-8-Problem Solving	3	77826	42286	54	12560	16	19600	25	2647	3						
7-8-Problem Solving	2	77826	34848	45	24130	31	18100	23								
Data Analysis & Prob																
4-7-Data Analysis & Prob	2	77826	11876	15	5524	7	60179	77								
5-7-Data Analysis & Prob	2	77826	2070	3	32858	42	42606	55								
Measurement																
6-7-Measurement	2	77826	43229	56	10786	14	23479	30								
7-7-Measurement	2	77826	30904	40	2673	3	43683	56								
Algebra & Functions																
1-8-Algebra & Functions	2	77826	18034	23	6684	9	52555	68								
2-8-Algebra & Functions	2	77826	29877	38	11254	14	35753	46								
4-8-Algebra & Functions	2	77826	32003	41	19275	25	25784	33								
Number Sense																
5-8-Number Sense	2	77826	20671	27	32161	41	24555	32								
Science																
Item # - Test #																
The Physical Setting																
1-11-The Physical Setting	2	77826	2569	3	26684	34	47886	62								
8-11-The Physical Setting	2	77826	31104	40	34116	44	11189	14								
Common Themes																
2-11-Common Themes	2	77826	6927	9	5739	7	64573	83								
Scientific Thinking																
3-11-Scientific Thinking	2	77826	2746	4	52939	68	21578	28								
The Mathematical World																
4-11-The Mathematical World	2	77826	18380	24	17743	23	39700	51								
Nature of Sci & Tech																
5-11-Nature of Sci & Tech	2	77826	11134	14	42034	54	23488	30								
The Living Environment																
6-11-The Living Environment	2	77826	30173	39	17142	22	29725	38								
7-11-The Living Environment	2	77826	28420	37	31737	41	16571	21								

A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed
Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts, mathematics, and science (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

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Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts, mathematics, and science. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

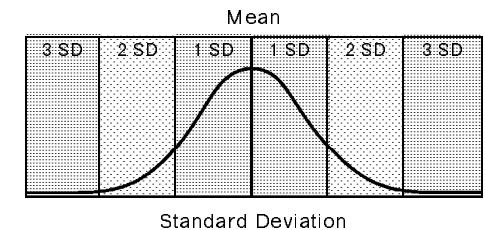
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



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State: INDIANA

Grade: 5

Purpose

This report provides a frequency of condition codes obtained by Applied Skills items.



Test Date: 09/15/08

E/la	Total Number of Students	Condition Code A Blank Response		Condition Code B Illegible		Condition Code C Non - English		Condition Code D Insufficient		Condition Code E Off Topic		Invalid / Omitted Test	
Item # - Test #		N	%	N	%	N	%	N	%	N	%	N	%
Writing Applications													
1a-3-Writing Applications	77826	0	0	54	0	12	0	40	0	1221	2	409	1
13b-4-Writing Applications	77826	826	1	87	0	11	0	168	0	511	1	234	0
Lang. Conventions													
1b-3-Lang. Conventions	77826	0	0	54	0	12	0	40	0	0	0	409	1
13c-4-Lang. Conventions	77826	826	1	87	0	11	0	168	0	0	0	234	0
Lit Response & Analysis													
2-4-Lit. Response & Analysis	77826	654	1	33	0	5	0	3	0	1	0	234	0
6-4-Lit Response & Analysis	77826	1187	2	31	0	5	0	5	0	1	0	234	0
Reading Comp.													
9-4-Reading Comp.	77826	1187	2	42	0	5	0	7	0	3	0	234	0
11-4-Reading Comp.	77826	1336	2	50	0	5	0	14	0	5	0	234	0
13a-4-Reading Comp.	77826	826	1	87	0	11	0	168	0	511	1	234	0

Math	Total Number of Students	Condition Code A Blank Response		Condition Code B Illegible		Condition Code C Non - English		Condition Code D Insufficient		Invalid / Omitted Test	
Item # - Test #		N	%	N	%	N	%	N	%	N	%
Geometry											
1-7-Geometry	77826	555	1	0	0	0	0	1	0	139	0
Problem Solving											
2-7-Problem Solving	77826	96	0	3	0	1	0	0	0	139	0
3-7-Problem Solving	77826	195	0	7	0	1	0	1	0	139	0
3-8-Problem Solving	77826	212	0	1	0	0	0	2	0	173	0
6-8-Problem Solving	77826	560	1	0	0	0	0	0	0	173	0
7-8-Problem Solving	77826	571	1	3	0	0	0	1	0	173	0
Data Analysis & Prob											
4-7-Data Analysis & Prob	77826	107	0	1	0	0	0	0	0	139	0
5-7-Data Analysis & Prob	77826	152	0	1	0	0	0	0	0	139	0
Measurement											
6-7-Measurement	77826	191	0	0	0	0	0	2	0	139	0
7-7-Measurement	77826	419	1	2	0	0	0	6	0	139	0
Algebra & Functions											
1-8-Algebra & Functions	77826	371	0	4	0	0	0	5	0	173	0
2-8-Algebra & Functions	77826	753	1	2	0	11	0	3	0	173	0
4-8-Algebra & Functions	77826	588	1	2	0	0	0	1	0	173	0
Number Sense											
5-8-Number Sense	77826	263	0	2	0	1	0	0	0	173	0

Science	Total Number of Students	Condition Code A Blank Response		Condition Code B Illegible		Condition Code C Non - English		Condition Code D Insufficient		Condition Code E Off Topic		Invalid / Omitted Test	
Item # - Test #		N	%	N	%	N	%	N	%	N	%	N	%
The Physical Setting													
1-11-The Physical Setting	77826	248	0	19	0	9	0	8	0	18	0	385	0
8-11-The Physical Setting	77826	921	1	11	0	10	0	20	0	70	0	385	0
Common Themes													
2-11-Common Themes	77826	190	0	11	0	0	0	0	0	1	0	385	0
Scientific Thinking													
3-11-Scientific Thinking	77826	164	0	0	0	0	0	7	0	7	0	385	0
The Mathematical World													
4-11-The Mathematical World	77826	1600	2	2	0	1	0	1	0	14	0	385	0
Nature of Sci & Tech													
5-11-Nature of Sci & Tech	77826	361	0	34	0	16	0	55	0	319	0	385	0
The Living Environment													
6-11-The Living Environment	77826	388	0	5	0	2	0	5	0	1	0	385	0
7-11-The Living Environment	77826	506	1	66	0	27	0	58	0	56	0	385	0

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